

AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE:

Kindly replace the Abstract of the Disclosure with the following new Abstract:

~~A Disclosed is a copper alloy.~~ The copper alloy consists essentially of Cu : 69 to 88 mass%, Si : 2 to 5 mass%, Zr : 0.0005 to 0.04 mass%, P : 0.01 to 0.25 mass%, and Zn : balance; has relation of, in terms of a-content of an element a, $[a]$ mass%, $f_0 = [Cu] - 3.5[Si] - 3[P] = 61$ to 71, $f_1 = [P]/[Zr] = 0.7$ to 200, $f_2 = [Si]/[Zr] = 75$ to 5000, and $f_3 = [Si]/[P] = 12$ to 240; has a metal structure ~~containing that contains~~ α phase and, K phase and/or γ phase, and has relation of, in terms of a content of a-phase b, $[b]\%$, in an area rate, $f_4 = [\alpha] + [\gamma] + [K] \geq 85$ and $f_5 = [\gamma] + [K] + 0.3[\mu] - [\beta] = 5$ to 95; and has an average grain diameter of 200 μm or less in a macrostructure when melted and solidified.